FIG. 1

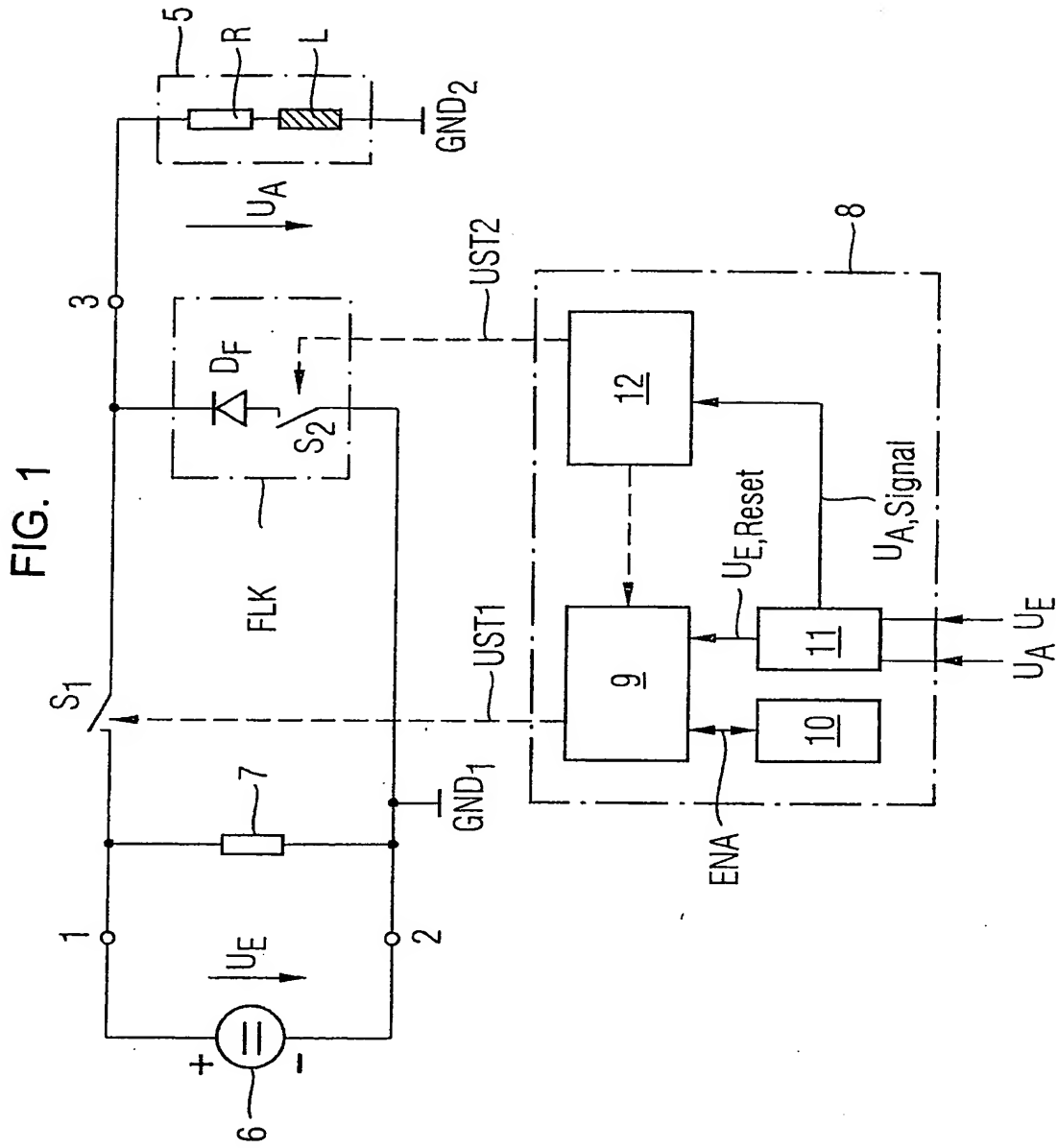
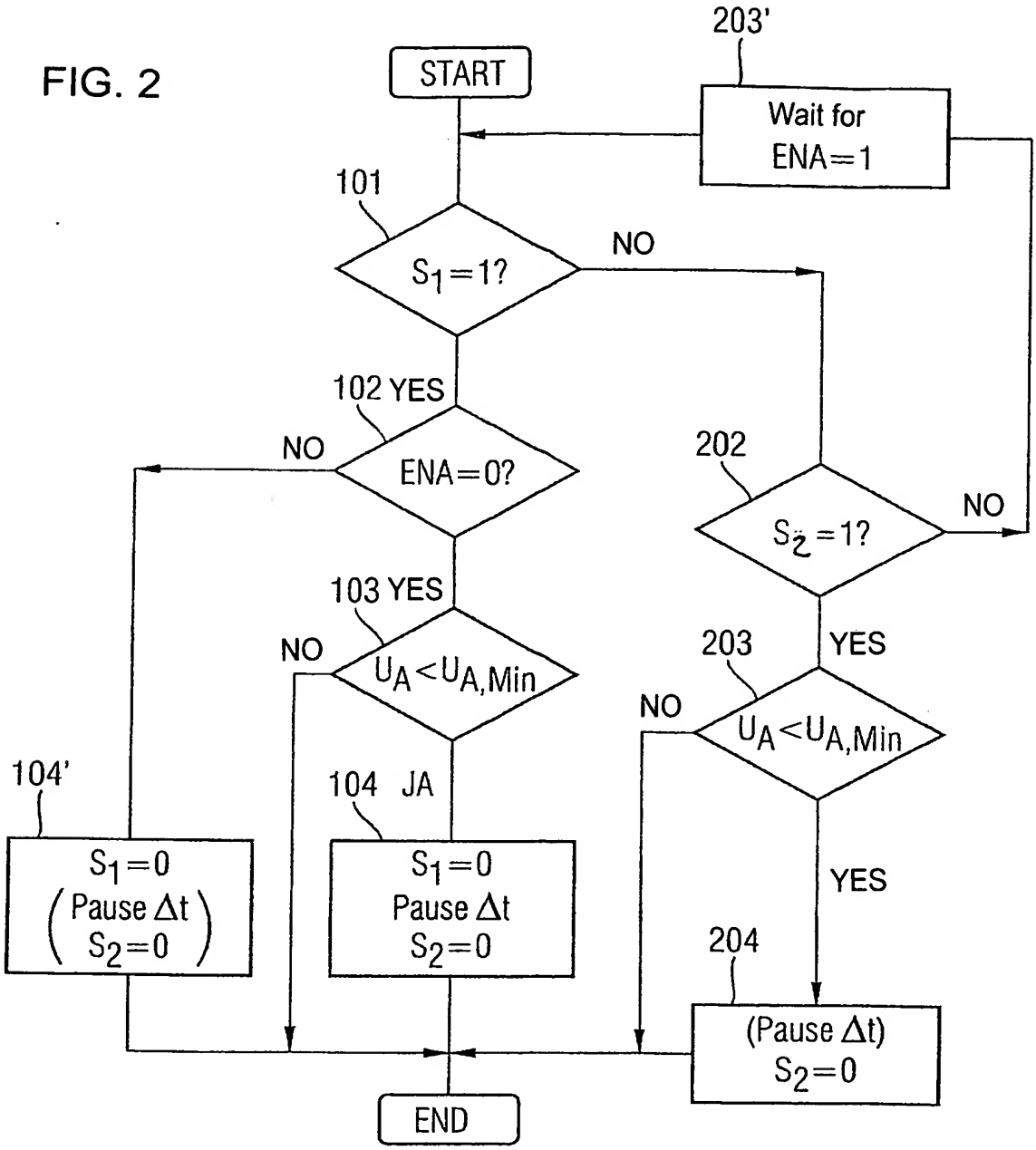

5
R
L
GND2
UA
3
UST2
8
DF
12
S2
FLK
UE,Reset
UA,Signal
S1
UST1
9
11
UA UE
10
GND1
7
ENA
1
UE
2
+
-
6

FIG. 2


START
203'
Wait for
ENA=1
101
S1=1?
NO
102 YES
NO
ENA=0?
202
S2=1?
NO
103 YES
NO
UA<UA,Min
203
YES
NO
UA<UA,Min
104'
104 JA
S1=0
(Pause Δt
S2=0)
S1=0
Pause Δt
S2=0
YES
204
(Pause Δt)
S2=0
END

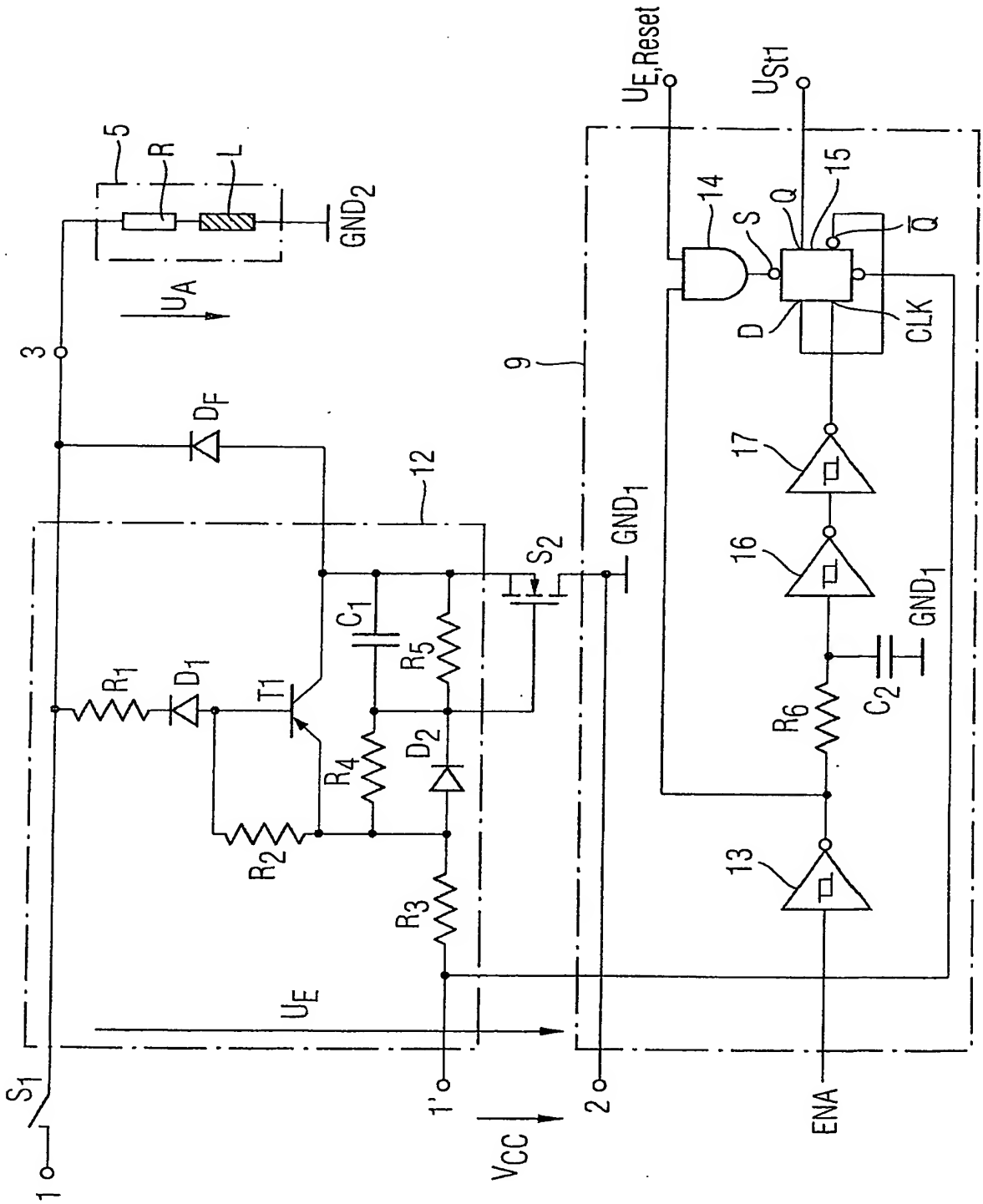

5
R
L
GND2
UA
3
DF
12
9
UE,Reset
USt1
14
S
Q
15
Q
D
CLK
17
16
13
GND1
C1
R5
S2
R1
D1
T1
R4
D2
R2
R3
C2
R6
UE
S1
1
1'
2
VCC
ENA

FIG. 3